

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010984

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N5/10 A01H5/00 C12N15/82 C12N9/10		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12N A01H		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, Sequence Search, BIOSIS, PAJ, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 103 617 A (AVENTIS CROPS SCIENCE GMBH) 30 May 2001 (2001-05-30) example 3 page 5, line 1 page 5 example 3	1-26
X	KORTSTEE A J ET AL: "The influence of an increased degree of branching on the physico-chemical properties of starch from genetically modified potato" CARBOHYDRATE POLYMERS, APPLIED SCIENCE PUBLISHERS, LTD. BARKING, GB, vol. 37, no. 2, October 1998 (1998-10), pages 173-184, XP004141125 ISSN: 0144-8617 the whole document	1-3, 5-14, 16-26
-/-		
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search 8 December 2004		Date of mailing of the international search report 27/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Holtorf, S

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Y X	WO 96/34968 A (GIDLEY MICHAEL JOHN ; WESTCOTT ROGER JOHN (GB); COOKE DAVID (GB); DEBE) 7 November 1996 (1996-11-07) example 25 example 1 page 28 page 39, paragraph 3 claims 1-68	1-4, 6-15, 17-26 18,23-26
Y	DATABASE EMBL 'Online! 8 June 2001 (2001-06-08), "EST512701 cSTD Solanum tuberosum cDNA clone cSTD203 5' sequence, mRNA sequence." XP002309391 retrieved from EBI accession no. EM_PRO:BG886850 Database accession no. BG886850 abstract	1-26
Y	DATABASE UniProt 'Online! 1 March 2003 (2003-03-01), "Putative 1,4-alpha-glucan branching enzyme." XP002309392 retrieved from EBI accession no. UNIPROT:Q8GWK4 Database accession no. Q8GWK4 abstract & DATABASE EMBL SEQUENCE LIBRARY 13 December 2002 (2002-12-13), SEKI, M., ET AL.: "A. thaliana At3g20440 mRNA for putative 1,4-alpha-glucan branching enzyme, complete cds, clone: RAFL21-11-008" accession no. WWW.EBI.AC.UK Database accession no. AK118785 abstract	1-26
A	JOBLING STEPHEN A ET AL: "A minor form of starch branching enzyme in potato (Solanum tuberosum L.) tubers has a major effect on starch structure: Cloning and characterisation of multiple forms of SBE A" PLANT JOURNAL, vol. 18, no. 2, April 1999 (1999-04), pages 163-171, XP002309385 ISSN: 0960-7412 figure 3 page 166, left-hand column, paragraph 1	

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A	<p>RYDBERG ULRIKA ET AL: "Comparison of starch branching enzyme I and II from potato" EUROPEAN JOURNAL OF BIOCHEMISTRY, vol. 268, no. 23, December 2001 (2001-12), pages 6140-6145, XP002309390 ISSN: 0014-2956 the whole document</p> <p>-----</p>	

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